

Romania - Event 13677 Zona seismica Vrancea

Event local time: Sun Oct 06,2013 04:37:20

Sun Oct 06,2013 01:37:20 GMT N45.69 E26.60 Depth: 140 km ID: 13994

Measurements are based on data extracted and processed by an operator

ML: 5.40 Mw: 5.73 netm0: 0.119E+19 netf0: 0.77 neteqR: 2.69 Nsta: 18

Station moment magnitude estimates - dbmw

sta	chamw	mw	m0	f0	eqR	timePmw	Pmw	timeSmw	Smw
BAC	HNT	6.1	0.173E+19	0.59	2.82	01:37:43	synt	01:38:01	synt
BIR	HNT	5.9	0.898E+18	1.41	1.19	01:37:44	db	01:38:01	synt
BISRR	HNT	5.3	0.144E+18	0.78	2.15	01:37:39	db	01:37:54	synt
DOPR	HNT	6.4	0.603E+19	0.18	9.39	01:37:43	db	01:38:01	synt
GHRR	HNT	5.8	0.708E+18	1.29	1.30	01:37:42	db	01:37:58	synt
GIUM	HNT	6.3	0.431E+19	0.51	3.30	01:37:46	db	01:38:05	synt
GRER	HNT	5.6	0.361E+18	1.19	1.41	01:37:41	db	01:37:55	synt
MLR	HNT	5.6	0.379E+18	0.73	2.31	01:37:40	db	01:37:56	synt
MTUR	HNT	6.1	0.190E+19	0.66	2.53	01:37:46	db	01:38:05	synt
OZUR	HNT	5.3	0.150E+18	0.61	2.76	01:37:41	db	01:37:58	synt
PETR	HNT	5.5	0.283E+18	1.12	1.50	01:37:40	db	01:37:56	synt
PLAR	HNT	6.0	0.164E+19	0.70	2.41	01:37:43	db	01:38:01	synt
PLOR	HNT	5.4	0.176E+18	0.53	3.19	01:37:39	db	01:37:54	synt
PLOR4	HNT	5.4	0.176E+18	0.53	3.19	01:37:39	db	01:37:54	synt
SULR	HNT	6.1	0.188E+19	0.83	2.02	01:37:45	db	01:38:03	synt
TESR	HNT	5.5	0.302E+18	0.67	2.51	01:37:42	db	01:38:00	synt
VOIR	HNT	5.4	0.185E+18	0.70	2.40	01:37:45	db	01:38:04	synt
VRI	HNT	5.3	0.110E+18	0.84	1.99	01:37:39	db	01:37:54	synt

Motion parameters extracted from Antelope tables

BAC	HNZ	99		6.27	0.22	9.64	2.26	0.13	0.0570	0.8421
BAC	HNN	99		14.28	0.66	26.90	4.30	0.44	0.1454	2.1968
BAC	HNE	99		25.00	0.90	53.37	5.36	0.40	0.3188	3.2197
BIR	HNZ	100	5.5	39.26	1.36	109.20	3.86	0.43	0.9393	4.1163
BIR	HNN	100	5.5	51.18	1.70	108.87	8.06	0.60	1.0873	5.7797
BIR	HNE	100	5.5	43.97	1.85	63.80	11.79	0.94	1.0717	5.8572
BISRR	HNZ	18	5.4	4.46	0.38	11.56	5.72	0.22	0.0635	1.5063
BISRR	HNN	18	5.4	6.89	0.43	17.74	7.77	0.37	0.1364	2.4562
BISRR	HNE	18	5.4	8.07	0.52	18.65	8.63	0.40	0.1847	2.6225
DOPR	HNZ	98	5.3	2.05	0.15	3.87	1.06	0.14	0.0040	0.4605
DOPR	HNN	98	5.3	2.02	0.27	3.73	4.19	0.25	0.0083	0.9228
DOPR	HNE	98	5.3	4.99	0.14	4.86	1.44	0.30	0.0128	0.5653
GHRR	HNZ	74	5.5	16.96	0.64	27.21	3.25	0.24	0.2547	2.1614
GHRR	HNN	74	5.5	38.55	1.76	73.05	10.43	0.79	0.8254	5.7312
GHRR	HNE	74	5.5	53.86	2.22	161.32	7.59	0.87	1.2749	6.3583
GIUM	HNZ	127	5.4	11.72	0.31	24.18	2.27	0.28	0.2265	1.2101
GIUM	HNN	127	5.4	14.62	0.64	36.70	4.67	0.95	0.2517	2.0985
GIUM	HNE	127	5.4	20.16	1.11	57.01	4.34	1.14	0.2938	2.8727
GRER	HNZ	45	5.6	14.30	0.42	13.13	2.34	0.18	0.2302	1.3514
GRER	HNN	45	5.6	21.52	1.89	33.46	13.67	1.16	0.2775	6.0911
GRER	HNE	45	5.6	15.64	0.93	24.21	5.60	0.52	0.1865	2.9743
IZVR	HNZ	92		15.43	0.34	13.01	1.51	0.26	0.4273	1.2186
MLR	HNZ	55	5.3	2.86	0.18	7.46	2.06	0.15	0.0110	0.8062
MLR	HNN	55	5.3	4.38	0.31	10.57	2.17	0.34	0.0206	1.3544
MLR	HNE	55	5.3	6.31	0.41	15.31	4.77	0.38	0.0238	1.6592
MTUR	HNZ	129		2.04	0.13	5.23	1.75	0.14	0.0083	0.5806

MTUR	HNN	129		4.12	0.34	16.02	3.43	0.69	0.0400	1.5169
MTUR	HNE	129		3.68	0.29	12.84	4.04	0.46	0.0299	1.6007
OZUR	HNZ	77	5.0	1.47	0.06	1.30	0.52	0.06	0.0014	0.1916
OZUR	HNN	77	5.0	1.44	0.06	2.88	0.64	0.08	0.0049	0.2548
OZUR	HNE	77	5.0	1.69	0.12	2.60	1.65	0.13	0.0049	0.4316
PETR	HNZ	49	5.5	38.67	0.67	23.94	2.15	0.25	0.6947	2.1910
PETR	HNN	49	5.5	34.93	1.26	57.76	6.26	0.64	0.5703	4.2543
PETR	HNE	49	5.5	39.06	1.16	49.64	7.76	0.52	0.7133	4.6162
PLAR	HNZ	97	5.4	4.18	0.14	7.38	1.78	0.22	0.0336	0.5977
PLAR	HNN	97	5.4	19.26	0.89	40.58	4.61	0.62	0.1026	2.6253
PLAR	HNE	97	5.4	25.49	1.03	60.54	8.27	0.65	0.2342	4.1184
PLOR	HNZ	17	5.2	4.32	0.18	10.86	2.06	0.15	0.0331	0.7343
PLOR	HNN	17	5.2	9.39	0.41	32.85	2.90	0.20	0.1068	1.6546
PLOR	HNE	17	5.2	7.18	0.34	23.67	1.92	0.23	0.0890	1.4746
PLOR4	HNZ	17	5.2	4.32	0.18	10.86	2.06	0.15	0.0331	0.7343
PLOR4	HNN	17	5.2	9.39	0.41	32.85	2.90	0.20	0.1068	1.6546
PLOR4	HNE	17	5.2	7.18	0.34	23.67	1.92	0.23	0.0890	1.4746
SULR	HNZ	116	5.8	11.63	0.45	18.76	1.56	0.17	0.0916	1.3388
SULR	HNN	116	5.8	27.59	1.51	70.08	10.88	0.75	0.2693	4.4418
SULR	HNE	116	5.8	20.08	1.25	44.12	9.22	0.69	0.2678	4.0647
TESR	HNZ	90	5.2	2.84	0.07	2.48	0.65	0.06	0.0111	0.2852
TESR	HNN	90	5.2	3.90	0.18	9.07	1.93	0.17	0.0161	0.6963
TESR	HNE	90	5.2	5.05	0.27	11.04	1.80	0.14	0.0169	0.8725
VOIR	HNZ	124	5.0	0.89	0.04	2.23	0.60	0.05	0.0011	0.1881
VOIR	HNN	124	5.0	1.10	0.05	2.31	0.90	0.06	0.0016	0.2635
VOIR	HNE	124	5.0	1.18	0.06	5.32	0.61	0.05	0.0020	0.2660
VRI	HNZ	21	5.2	4.54	0.18	7.40	2.26	0.19	0.0221	0.7993
VRI	HNN	21	5.2	6.40	0.30	22.04	2.30	0.16	0.0533	1.2624
VRI	HNE	21	5.2	25.48	1.05	90.32	2.74	0.38	0.3360	3.3366